

Akhteruzzaman 39 - 36 - 23 - 10

We Claim:

1. A method of providing location information for mobile telecommunications stations comprising the steps of:
 - taking a measurement of the present location of said mobile station and transmitting said location to an Emergency Bureau;
 - repeating said measurement after the lapse of an interval of time; and
 - taking additional measurements as needed to trace movements of said mobile station.
 2. The method of Claim 1, wherein said the steps of taking said measurements comprise the steps of taking said measurements using signals derived from a Global Positioning System.
 3. The method of Claim 1, wherein more frequent measurements are made if said mobile station is detected to be moving.
 4. The method of Claim 1, further comprising the steps of:
 - automatically initiating the taking of said measurements and reporting of said measurements if an auto-

Akhteruzzaman 39 - 36 - 23 - 10

mobile containing said mobile station is started without disabling a measurement and reporting system.

5. The method of Claim 1, wherein an interval between successive measurements is decreased if two previous measurements were not equal.